

TURCO PRODUCTS,INC. -- TURCO 5469 -- 8010-00-926-1489

===== Product Identification =====

Product ID:TURCO 5469

MSDS Date:10/31/1985

FSC:8010

NIIN:00-926-1489

MSDS Number: BFWSC

=== Responsible Party ===

Company Name:TURCO PRODUCTS,INC.

Address:7300 BOLSA AVENUE

City:WESTMINSTER

State:CA

ZIP:92684-3600

Info Phone Num:714-890-3600

Emergency Phone Num:614-387-6200

CAGE:D9808

=== Contractor Identific

ation ===

Company Name:TURCO PRODUCTS, INC.

Address:7300 BOLSA AVE

Box:6200

City:WESTMINSTER

State:CA

ZIP:92684-3600

Country:US

Phone:614-387-6200

CAGE:0BYN5

Company Name:TURCO PRODUCTS,INC.

Box:6200

City:PHILADELPHIA

State:PA

ZIP:19103

Country:US

Phone:215-419-7890

CAGE:D9808

===== Composition/Information on Ingredients =====

Ingred Name:METHYLENE CHLORIDE (SARA III)

CAS:75-09-2

RTECS #:PA8050000

Fraction by Wt: 55%

OSHA PEL:500 PPM/C,1000; Z2

ACGIH TLV:50 PPM, A2; 9192

EPA

Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:PHENOL  
CAS:108-95-2  
RTECS #:SJ3325000  
Fraction by Wt: 20%  
OSHA PEL:S, 5 PPM  
ACGIH TLV:S, 5 PPM; 8990  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM CHROMATE (SARA III)  
CAS:7775-11-3  
RTECS #:GB2955000  
Fraction by Wt: 1%  
Other REC Limits:0.1MG/M<sup>3</sup>(C)(CRO\*3)  
OSHA PEL:0.1 PPM CRO3;CEILING  
ACGIH TLV:0.05 MG CR/M<sup>3</sup>; 9192  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

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===== Hazards Identification =====

Reports

of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:EYES:VAPORS,MODERATE TO SEVERE  
IRRITATION.LIQUID,SEVERE DAMAGE MAY CAUSE BLINDNESS;SKIN:CHEMICAL  
BURNS,POSSIBLE NECROSIS,DEFATTING.MAY BE ABSORBED THROUGH SKIN IN  
TOXIC AMOUNTS.CHROMATES ARE SKIN SENS  
ITIZERS;INHALATION:DIZZINESS,HEADACHE,INTOXICATION.INHALATION OF  
MIST--CONTINUED ON SIGNS & SYMPTOMS OF OVEREXPOSURE--  
Explanation of Carcinogenicity:CHROMIUM VI IS HUMAN CARCINOGEN BY  
IARC,NTP

Effects of Overexposure:CONT'D FROM HEALTH HAZARDS:OF CHROMATE  
CONTAINING MATERIALS MAY CAUSE PERMANENT DAMAGE TO UPPER  
RESPIRATORY TRACT & MAY CAUSE LUNG CANCER RISK;INGESTION:SEVERE  
IRRITATION TO GASTROINTESTINAL TRACT,MAY BE HARMFUL OR FATAL IF  
SWALLOWED.TOXICEFFECTS MAY NOT APPEAR IMMEDIATELY.

Medical Cond Aggravated by Exposure:PERSONS WITH IMPAIRED  
CARDIO-PULMONARY FUNCTION. THIS MAY BE AGGRAVATED BY SMOKING.

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===== First Aid Measures =====

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First Aid:EYES:FLUSH WITH PLENTY OF WATER.SEE DOCTOR;SKIN:FLUSH WITH WATER.WASH WITH SOAP & WATER.RINSE.IF IRRITATION PERSISTS,SEE DOCTOR;INHALATION:REMOVE TO FRESH AIR.GIVE OXYGEN/CPR IF NEEDED.SEE DOCTOR;INGESTION:DO NOT INDUCE VOMIT.IF CONSCIOUS,GIVE LARGE AMOUNTS OF MILK OR WATER.SEE DOCTOR.NOTHING BY MOUTH IF UNCONSCIOUS.

===== Fire Fighting Measures =====

Flash Point Method:SCC

Flash Point:NONE TO BOIL

Extinguishing Medi

a:CO\*2,FOAM,WATER FOG.

Fire Fighting Procedures:WEAR SCBA. ANY WATER RUNOFF MAY CONTAIN HEXAVALENT CHROME & SHOULD NOT BE ALLOWED TO ENTER SEWER OR WATERWAYS.

Unusual Fire/Explosion Hazard:THERMAL DECOMPOSITION MAY PRODUCE TOXIC OXIDES OF CARBON & CHLORINE. DRUMS EXPOSED TO 100F(38C) & ABOVE MAY DEVELOP SUFFICIENT INTERNAL PRESSURE TO RUPTURE.

===== Accidental Release Measures =====

Spill Release Procedures:CONTAIN.STOP LEAK IF SAFE TO DO SO.VENT

ILATE.EVACUATE PERSONNEL.WEAR SCBA & PROTECTIVE EQUIPMENT.ABSORB LIQUID IN INERT MATERIAL & PLACE IN DOT-APPROVED DRUMS.WASH AREA WITH WATER.COLLECT WASHINGS & PLACE IN DOT-APPROVED CONTAINERS.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL AREA,PROTECTED FROM SUNLIGHT,RAIN,STANDING WATER.USE CARE IN OPENING CONTAINERS TO AVOID SPURTING.

Other Precautions:VAPORS HEAVIER THAN AIR.WILL COLLECT IN LOW ARE

AS.WEAR SCBA & SAFETY LINE WHEN ENTERING THESE AREAS.KEEP WATCH BY ANOTHER PERSON AT SAFE DISTANCE.PERSONS WEARING CONTACT LENSES,WEAR VAPOR-PROOF GOGGLE S.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:SCBA,(RESPIRATORS NOT RECOMMENDED BECAUSE OF THE SHORT BREAKTHROUGH TIME OF METHYLENE CHLORIDE & ITS POOR WARNING PROPERTIES),IF TLV IS EXCEEDED.

Ventilation:MECHANICAL (GENERAL) VENTILATION TO MAINTAIN BELOW TLV.

Protective Gloves:NE

OPRENE.

Eye Protection:GOGGLES.

Other Protective Equipment:BOOTS,APRON & PROTECTIVE SUIT IF REQUIRED TO  
AVOID PROLONGED OR REPEATED SKIN CONTACT.

Work Hygienic Practices:WASH WITH SOAP & WATER BEFORE SMOKING OR  
EATING.REMOVE CONTAMINATED CLOTHING & LAUNDER.DISCARD CONTAMINATED  
SHOES.

Supplemental Safety and Health

MFGR,8/31/82,ADVISED THAT P/NS 5469 & 6037 ARE THE SAME;P/N 5469 MEETS  
MIL-R-81294A REQUIREMENTS,WHILE P/N 6037 CONFORMS REV"B" OF  
MIL-R-81294(TYPE I MATL).SEE P/N

IND"A"DATA FOR TURCO P/N6037

===== Physical/Chemical Properties =====

HCC:C1

Boiling Pt:B.P. Text:105F(41C)

Vapor Pres:400

Vapor Density:>1

Spec Gravity:1.14

pH:3.1

Evaporation Rate & Reference: